

# PATENT COOPERATION TREATY

PCT

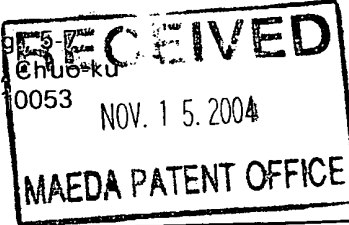
## NOTIFICATION OF RECEIPT OF RECORD COPY

(PCT Rule 24.2(a))

From the INTERNATIONAL BUREAU

To:

MAEDA, Hiroshi  
Osaka-Marubeni Bldg 5-2  
Hommachi 2-chome, Chuo-ku  
Osaka-shi, Osaka 540 0053  
Japan



Date of mailing (day/month/year) 03 November 2004 (03.11.2004)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference M04-E-255CT1	International application No. PCT/JP2004/014907

The applicant is hereby notified that the International Bureau has received the record copy of the international application as detailed below.

Name(s) of the applicant(s) and State(s) for which they are applicants:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. (for all designated States except US)  
OSHIMA, Kenji et al (for US)

International filing date : 01 October 2004 (01.10.2004)  
Priority date(s) claimed : 02 October 2003 (02.10.2003)  
Date of receipt of the record copy by the International Bureau : 21 October 2004 (21.10.2004)  
List of designated Offices :

AP : BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW  
EA : AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
EP : AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR  
OA : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
National : AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. (41-22) 338.90.90	Authorized officer: Eliott PERETTI (Fax 338 9090) Telephone No. (41-22) 338 9906
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## Continuation of Form PCT/IB/301

## NOTIFICATION OF RECEIPT OF RECORD COPY

Date of mailing (day/month/year) 03 November 2004 (03.11.2004)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference M04-E-255CT1	International application No. PCT/JP2004/014907

**ATTENTION**

The applicant should carefully check the data appearing in this Notification. In case of any discrepancy between these data and the indications in the international application, the applicant should immediately inform the International Bureau.

In addition, the applicant's attention is drawn to the information contained in the Annex, relating to:

- ☒ time limits for entry into the national phase - see updated important information (as of April 2002)
- ☒ requirements regarding priority documents (if applicable)

A copy of this Notification is being sent to the receiving Office and to the International Searching Authority.

## INFORMATION ON TIME LIMITS FOR ENTERING THE NATIONAL PHASE

The applicant is reminded that the "national phase" must be entered before each of the designated Offices indicated on the cover sheet of this Notification by paying national fees and furnishing translations, as prescribed by Articles 22 and 39 and the applicable national laws. In addition, the applicant may also have to comply with other special requirements applicable in certain Offices. It is the applicant's responsibility to ensure the necessary steps to enter the national phase are taken in a timely fashion. Most Offices do not issue reminders to applicants in connection with the entry into the national phase.

The applicable time limit for entering the national phase will, subject to what is said in the following paragraph, be **30 MONTHS** from the priority date, not only in respect of any elected Office if a demand for international preliminary examination is filed before the expiration of 19 months from the priority date (see Article 39(1)), but also in respect of any designated Office, in the absence of filing of such demand, where Article 22(1) as modified with effect from 1 April 2002 applies in respect of that designated Office. For further details, see PCT Gazette No. 44/2001 of 1 November 2001, pages 19926, 19932 and 19934, as well as the PCT Newsletter, October and November 2001 and February 2002 issues.

In practice, time limits other than the 30-month time limit will continue to apply, for various periods of time, in respect of certain designated or elected Offices. For regular updates on the applicable time limits (20, 21, 30 or 31 months, or other time limit), Office by Office, refer to the PCT Gazette ("Section IV" part published on a weekly basis), to the PCT Newsletter (on a monthly basis) and to the relevant National Chapters in Volume II of the PCT Applicant's Guide (the paper version of which is updated usually twice a year and the Internet version of which is updated usually on a weekly basis). Finally, a cumulative table of all applicable time limits for entering the national phase is available from WIPO's Internet site, via links from various pages the site including those of the Gazette, Newsletter and Guide, at <http://www.wipo.int/pct/en/index.html>.

Information about the requirements for filing a demand for international preliminary examination is set out in the PCT Applicant's Guide, Volume I/A, Chapter IX. Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II).

## REQUIREMENTS REGARDING PRIORITY DOCUMENTS

For applicants who have not yet complied with the requirements regarding priority documents, the following is recalled.

Where the priority of an earlier national, regional or international application is claimed, the applicant must submit a copy of the said earlier application, certified by the authority with which it was filed ("the priority document") to the receiving Office (which will transmit it to the International Bureau) or directly to the International Bureau, before the expiration of 16 months from the priority date, provided that any such priority document may still be submitted to the International Bureau before that date of international publication of the international application, in which case that document will be considered to have been received by the International Bureau on the last day of the 16-month time limit (Rule 17.1(a)).

Where the priority document is issued by the receiving Office, the applicant may, instead of submitting the priority document, request the receiving Office to prepare and transmit the priority document to the International Bureau. Such request must be made before the expiration of the 16-month time limit and may be subjected by the receiving Office to the payment of a fee (Rule 17.1(b)).

If the priority document concerned is not submitted to the International Bureau or if the request to the receiving Office to prepare and transmit the priority document has not been made (and the corresponding fee, if any, paid) within the applicable time limit indicated under the preceding paragraphs, any designated State may disregard the priority claim, provided that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within the time limit which is reasonable under the circumstances (Rule 17.1(c)).

Where several priorities are claimed, the priority date to be considered for the purposes of computing the 16-month time limit (and all other PCT time limits) is the filing date of the earliest application whose priority is claimed (Article 2(xi)(b)).

# PATENT COOPERATION TREATY

## PCT

### NOTIFICATION CONCERNING SUBMISSION OR TRANSMITTAL OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

From the INTERNATIONAL BUREAU

To:

MAEDA, Hiroshi  
Osaka-Marubeni Bldg., 5F  
Hommachi 2-chome, Chuo-ku  
Osaka-shi, Osaka 5410053  
Japan

DEC. 07. 2004

MAEDA PATENT OFFICE

Date of mailing (day/month/year) 01 December 2004 (01.12.2004)	<b>IMPORTANT NOTIFICATION</b>
Applicant's or agent's file reference M04-E-255CT1	International filing date (day/month/year) 01 October 2004 (01.10.2004)
International application No. PCT/JP2004/014907	Priority date (day/month/year) 02 October 2003 (02.10.2003)
International publication date (day/month/year) Not yet published	
Applicant MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. et al	

1. By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
2. (If applicable) The letters "NR" appearing in the right-hand column denote a **priority document which, on the date of mailing of this Form, had not yet been received by the International Bureau** under Rule 17.1(a) or (b). Where, under Rule 17.1(a), the priority document must be submitted by the applicant to the receiving Office or the International Bureau, but the applicant fails to submit the priority document within the applicable time limit under that Rule, **the attention of the applicant is directed** to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
3. (If applicable) An asterisk(\*) appearing next to a date of receipt, in the right-hand column, denotes a **priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b)** (the priority document was received after the time limit prescribed in Rule 17.1(a) or the request to prepare and transmit the priority document was submitted to the receiving Office after the applicable time limit under Rule 17.1(b)). Even though the priority document was not furnished in compliance with Rule 17.1(a) or (b), the International Bureau will nevertheless transmit a copy of the document to the designated Offices, for their consideration. In case such a copy is not accepted by the designated Office as priority document, Rule 17.1(c) provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
02 Octo 2003 (02.10.2003)	2003-344154	JP	18 Nove 2004 (18.11.2004)

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Facsimile No. (41-22) 338.90.90

Form PCT/IB/304 (January 2004)

Authorized officer

taïeb AKREMI (Fax 338 9090)

Telephone No. (41-22) 338 9415

006523905

## PATENT COOPERATION TREATY

PCT

NOTIFICATION OF WITHDRAWAL OF  
INTERNATIONAL APPLICATION OR  
DESIGNATIONS(PCT Rule 90bis.1 and 90bis.2 and  
Administrative Instructions, Section 415(a))

From the INTERNATIONAL BUREAU

To:

MAEDA, Hiroshi  
Osaka-Marubeni Bldg., 5-7, Hommachi 2-  
chome, Chuo-ku  
Osaka-shi, Osaka 5410053  
JAPON

RECEIVED

JAN. 05. 2005

MAEDA PATENT OFFICE

Date of mailing (day/month/year) 20 December 2004 (20.12.2004)		
Applicant's or agent's file reference M04-E-255CT1		IMPORTANT NOTIFICATION
International application No. PCT/JP2004/014907	International filing date (day/month/year) 01 October 2004 (01.10.2004)	Priority date (day/month/year) 02 October 2003 (02.10.2003)
Applicant MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.		

1. The applicant is hereby notified that, except as to any designated State in which national processing or examination has already started upon the express request of the applicant:

- ☐ the international application
- ☒ the designations of the following States:
- ☐ for an ARIPO patent (specify "all States" or, if the withdrawal concerns only some States, specify those States only by indicating the two-letter country codes):
- ☐ for a Eurasian patent
- ☐ for a European patent (specify "all States" or, if the withdrawal concerns only some States, specify those States only by indicating the two-letter country codes):
- ☐ for an OAPI patent
- ☒ for a national patent (specify the States by indicating the two-letter country codes):

JP

has (have) been withdrawn on the date of receipt of the notice effecting withdrawal as indicated below:  
11 November 2004 (11.11.2004).

2. The notice effecting withdrawal reached the International Bureau
- ☒ before the completion of the technical preparations for publication and, consequently, there will be no international publication:
- ☐ of the international application.
- ☒ of the designations specified above.
- ☐ after the completion of the technical preparations for publication and, consequently, the withdrawal could not be taken into account for the international publication.
3. The receiving Office and, if they are affected by the withdrawal, the designated (or elected) Offices, the International Searching Authority and the International Preliminary Examining Authority, have been informed accordingly.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. (41-22) 338.90.90	Authorized officer Mitsuyo IWAMOTO (Fax 338 9090) Telephone No. (41-22) 338.87.23
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PATENT COOPERATION TREATY

Revised PCT/PTO 03 MAY 2005

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION CONCERNING  
TRANSMITTAL OF COPY OF INTERNATIONAL  
APPLICATION AS PUBLISHED OR REPUBLISHED

To:

MAEDA, Hiroshi  
Osaka-Marubeni Bldg., 5-7, Hommachi 2-chome, Chuo-ku  
Osaka-shi, Osaka 5410053  
JAPON

RECEIVED

APR 22 2005

IMMEDIATE PATENT OFFICE

IMPORTANT NOTICE

Date of mailing (day/month/year)  
14 April 2005 (14.04.2005)

Applicant's or agent's file reference  
M04-E-255CT1

International application No.  
PCT/JP2004/014907

International filing date (day/month/year)  
01 October 2004 (01.10.2004)

Priority date (day/month/year)  
02 October 2003 (02.10.2003)

Applicant

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. et al

The International Bureau transmits herewith the following documents:

- ☒ copy of the international application as published by the International Bureau on 14 April 2005 (14.04.2005) under No. WO 2005/032827
- ☐ copy of international application as republished by the International Bureau on under No. WO  
For an explanation as to the reason for this republication of the international application, reference is made to INID codes (15), (48) or (88) (as the case may be) on the front page of the attached document.

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Yoshiko Kuwahara

Facsimile No.+41 22 740 14 35

Facsimile No.+41 22 338 90 90

M04-E-255CT1

1/4

PCT REQUEST

Original (for SUBMISSION)

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.163)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)
0-7	Applicant's or agent's file reference	M04-E-255CT1
I	Title of Invention	INK JET RECORDING APPARATUS AND INK JET RECORDING METHOD
II	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
II-5	Address	1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 Japan
II-6	State of nationality	JP
II-7	State of residence	JP
II-8	Telephone No.	06-6908-1473
II-9	Facsimile No.	06-6909-0053
III-1	Applicant and/or inventor	
III-1-1	This person is	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	OSHIMA, Kenji
III-1-5	Address	
III-1-6	State of nationality	
III-1-7	State of residence	

## PCT REQUEST

Original (for SUBMISSION )

III-2	Applicant and/or inventor	applicant and inventor US only TAKAO, Shigeyuki
III-2-1	This person is	
III-2-2	Applicant for	
III-2-4	Name (LAST, First)	
III-2-5	Address	
III-2-6	State of nationality	
III-2-7	State of residence	
IV-1	Agent or common representative; or address for correspondence	agent  MAEDA, Hiroshi Osaka-Marubeni Bldg., 5-7, Hommachi 2-chome, Chuo-ku, Osaka-shi, Osaka 5410053 Japan 06-6125-2255 06-6125-2288 100077931
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	
IV-1-1	Name (LAST, First)	
IV-1-2	Address	
IV-1-3	Telephone No.	
IV-1-4	Facsimile No.	
IV-1-6	Agent's registration No.	
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent TAKEUCHI, Hiroshi(100110939); IMAE, Katsumi(100115059); HARADA, Tomoo(100117710)
IV-2-1	Name(s)	
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	02 October 2003 (02.10.2003) 2003-344154 JP
VI-1-1	Filing date	
VI-1-2	Number	
VI-1-3	Country	
VI-2	Priority document request	VI-1
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)




## PCT REQUEST

Original (for SUBMISSION )

VIII		Number of declarations	
VIII-1	Declarations Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX		number of sheets	electronic file(s) attached
IX-1	Check list Request (including declaration sheets)	4	✓
IX-2	Description	43	-
IX-3	Claims	14	-
IX-4	Abstract	1	✓
IX-5	Drawings	9	-
IX-7	TOTAL	71	
IX		paper document(s) attached	electronic file(s) attached
IX-8	Accompanying Items Fee calculation sheet	✓	-
IX-9	Original separate power of attorney	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-18	other	Revenue stamps of transmittal fee for receiving office	
IX-18	other	Submission of certificate of payment for search fee	
IX-18	other	Submission of certificate of payment for international fee	
IX-18	other	Translation of original separate power of attorney	
IX-19	Figure of the drawings which should accompany the abstract	2	
IX-20	Language of filing of the international application	English	

## PCT REQUEST

Original (for SUBMISSION)

X-1	Signature of applicant, agent or common representative	
X-1-1	Name (LAST, First)	MAEDA, Hiroshi
X-1-2	Name of signatory	
X-1-3	Capacity	

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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